

Natural Resources

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Natural Resources

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
101	Appraisal of Soil Resources			7%	
104	Protect Soil from Harmful Effects of Natural Elements			1%	
111	Conservation and Efficient Use of Water			4%	
112	Watershed Protection and Management			9%	
123	Management and Sustainability of Forest Resources			15%	
125	Agroforestry			10%	
131	Alternative Uses of Land			2%	
132	Weather and Climate			11%	
133	Pollution Prevention and Mitigation			3%	
134	Outdoor Recreation			2%	
135	Aquatic and Terrestrial Wildlife			27%	
605	Natural Resource and Environmental Economics			7%	
606	International Trade and Development			2%	
Total				100%	

V(C). Planned Program (Inputs)

1. Actual amount of professional FTE/SYs expended this Program

Year: 2008	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	0.0	12.0	0.0
Actual	0.0	0.0	16.0	0.0

2. Actual dollars expended in this Program (includes Carryover Funds from previous years)

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
	0	806784	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	806784	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	10655031	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Basic and applied research will be conducted to address elucidate underlying principles related to natural resources and to assist in the implementation of efficient, effective management actions to conserve natural resources and ensure the sustainable use of those resources. Research finds will be disseminated via appropriate scientific publications, conferences, workshops, trainings, etc.

2. Brief description of the target audience

Researchers, scientists, extension specialists, field operation managers, agricultural producers.

V(E). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons (contacts) reached through direct and indirect contact methods

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	0	0	0	0
2008	0	0	0	0

2. Number of Patent Applications Submitted (Standard Research Output)

Patent Applications Submitted

Year Target

Plan: 0

2008: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan	0	70	
2008	0	107	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Number of peer reviewed journal articles

Year	Target	Actual
2008	50	74

Output #2

Output Measure

Number of other peer reviewed publications (book chapters, proceedings, abstracts, etc).

Year	Target	Actual
2008	30	30

Output #3

Output Measure

Number of invited papers and invited presentations

Year	Target	Actual
2008	3	46

Output #4

Output Measure

Number of graduate degrees awarded

Year	Target	Actual
2008	15	25

V(G). State Defined Outcomes

O No.	Outcome Name
1	Development of new, more efficient strategies to manage renewable natural resources.
2	Develop new economic opportunities related to the sustainable use of natural resources.
3	Enhanced understanding of people's attitudes toward, perceptions of, and use of natural resources.
4	Develop direct solutions to problems related to the human-natural resource interactions.
5	Enhanced understanding of the basic functioning of ecosystems and their constituent communities and species.

Outcome #1

1. Outcome Measures

Not reporting on this Outcome for this Annual Report

2. Associated Institution Types

3a. Outcome Type:

3b. Quantitative Outcome

Year	Quantitative Target	Actual
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3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
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V(H). Planned Program (External Factors)

External factors which affected outcomes

Public Policy changes
Competing Public priorities

Brief Explanation

V(I). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

During (during program)

Evaluation Results

Individual faculty were reviewed by the Division Director aligned with Natural Resources. Faculty submitted their research goals and accomplishments. Besides evaluating individual progress, the Division Director reviewed research progress and accomplishments in the context of the planned program. Results show continued progress in both basic and applied research.

Points of evaluation included the following:

Research focus – was it relevant and consistent with the objectives of the planned program?

Successful scholarship – were research results conveyed through peer reviewed publications?

Successful grantsmanship – was the research quality high enough to successfully compete for external grant funds?

Key Items of Evaluation